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E.S.O. file

duplicate

CABOT CORPORATION - Tuscola - Industrial Waste  
Hydrochloric Acid Disposal Well

January 11, 1971

PERMIT #1971-ED-29

Log #816-65

Cabot Corporation  
P.O. Box 103  
Tuscola, Illinois 61955

Permit is hereby granted to Cabot Corporation, Tuscola, Illinois, to change the use and operation of a waste disposal well which was constructed under Sanitary Water Board permit 1966-EA-32 (well location 1745' north and 000' west of the SE corner of the SE quarter of the SW quarter of the SE quarter of Section 31, T 16N, R 8E, of the 3rd P.M., Douglas County, Illinois), said wastes to be injected into a dolomite formation with bottom well depth of about 5300'.

This permit is issued on the basis that the waste liquids to be injected at a rate of 150 gallons per minute into the well will consist of:

(1) Etching wastes from R.R. Dennelley Company in accordance with your submission of September 17, 1970, in the amount of about 1,000 gallons per day, consisting of Nitric Acid, Zinc Nitrate, trisodium phosphate, and aromatic solvent.

(2) Starch wastes from the A.E. Staley Manufacturing Company in accordance with your submission of September 11, 1968, consisting of chlorides, corn starch, and sulfates, being about a 4 percent solution in water.

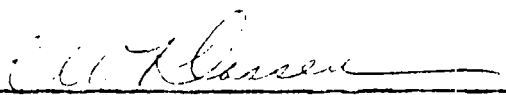
(3) Cabot Carbon hydrochloric acid wastes.

This permit is issued subject to the standard conditions set forth on Page 2, attached hereto and incorporated herein by reference.

Condition 1: This permit is issued on the basis that this Agency must be notified and additional permit granted for any changes in operation or in materials injected into the well which differ from that indicated in information submitted prior to the date of this permit.

Condition 2: This permit is issued on the basis that this Agency will be informed, and services will be provided, for any additional conditions in surface disposal facilities and well maintenance as your program develops, in accordance with your letter of November 10, 1970.

cc: -Ill. Dept. Mines & Minerals  
-Ill. State Geological Survey  
-Ill. State Water Survey  
-Region IV

  
C. W. Klassen, Director

44-3886-  
100-136

This permit is granted in accordance with the provisions of the "Environmental Protection Act", approved June 29, 1970, and is subject to the following conditions:

1. If any statement or representation in the application is found to be incorrect, this permit may be revoked and the permittee thereupon waives all rights thereunder.

2. There shall be no deviations from the approved plans and specifications unless revised plans and specifications shall first have been submitted to the Environmental Protection Agency and a supplemental written permit issued therefor.

3. During or after the construction or the installation of the sewage works, any agent duly authorized by the Environmental Protection Agency shall have the right and authority to inspect such work and its operation.

4. This authority: (a) shall not be considered as in any manner affecting the title to the premises upon which the sewage works are to be located, (b) does not release the permittee from any liability for damage to person or property caused by or resulting from the installation, maintenance or operation of the proposed sewage works, (c) does not take into consideration the structural stability of any units or parts of the project, and (d) does not release the permittee from compliance with stream channel requirements of the State Division of Waterways, with other applicable statutes of the State Division of Waterways, with other applicable statutes of the State of Illinois, or with applicable local laws, regulations or ordinances.

5. This permit is void one year from date of issue unless installation of this project has started on or prior to date of expiration.

6. Rain water from roofs, streets and other areas, and ground water from foundation drains shall be excluded from the sewer system.

7. The installation shall be made under the supervision of an inspection provided by or approved by the operating agency.

8. Treatment works will be operated or supervised by a duly qualified sewage works operator Certified under the Regulations of the Environmental Protection Agency.